

Docket Number  
36856.1429

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Ryoichi OMOTE	International Application No.:
Serial No.: Unknown	PCT/JP2005/014500
Filed: Concurrently herewith	International Filing Date:
For: DUPLEXER AND COMMUNICATION DEVICE	August 8, 2005

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §1.56, and in recognition of his duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicant herewith submits the attached Form PTO-1449. Reference Nos. 1-3, 5, 7, 10, 13, and 14 were cited in the attached International Search Report for PCT Application No. PCT/JP2005/014500.

The relevance of Reference No. 4 is discussed on pages 1 and 2 of the substitute specification filed concurrently herewith.

The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Applicant respectfully requests that the cited references be made of record in the subject application.

Respectfully submitted,

Dated: March 28, 2006

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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **1** of **2**

Application Number	
Filing Date	
First Named Inventor	<b>Ryoichi OMOTE</b>
Art Unit	
Examiner Name	
Attorney Docket Number	<b>36856.1429</b>

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	<b>1</b>	<b>2003/0214368</b>	<b>11-2003</b>	<b>N. Taniguchi</b>	
	<b>2</b>	<b>2001/0013739</b>	<b>08-2001</b>	<b>K. Yoshida et al.</b>	
	<b>3</b>	<b>5,559,481</b>	<b>09-1996</b>	<b>Satoh et al.</b>	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number-Kind Code <sup>5</sup> (if known)	Publication Date MM -YYYY	Country of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	<b>4</b>	<b>JP 2002-353768</b> (English abstract and machine translation)	<b>12-2002</b>	<b>JAPAN</b>		<b>X</b>
	<b>5</b>	<b>JP 2003-332885</b> (English abstract and machine translation)	<b>11-2003</b>	<b>JAPAN</b>		<b>X</b>
	<b>6</b>	<b>JP 2003-008394</b> (English abstract and machine translation)	<b>01-2003</b>	<b>JAPAN</b>		<b>X</b>
	<b>7</b>	<b>JP 2004-056355</b> (English abstract and machine translation)	<b>02-2004</b>	<b>JAPAN</b>		<b>X</b>
	<b>8</b>	<b>JP 2000-261344</b> (English abstract and machine translation)	<b>09-2000</b>	<b>JAPAN</b>		<b>X</b>
	<b>9</b>	<b>JP 2002-368576</b> (English abstract and machine translation)	<b>12-2002</b>	<b>JAPAN</b>		<b>X</b>
	<b>10</b>	<b>JP 2001-036378</b> (English abstract and machine translation)	<b>02-2001</b>	<b>JAPAN</b>		<b>X</b>
	<b>11</b>	<b>JP 59-143411</b> (English abstract)	<b>08-1984</b>	<b>JAPAN</b>		<b>X</b>
	<b>12</b>	<b>JP 63-082113</b> (English abstract)	<b>04-1988</b>	<b>JAPAN</b>		<b>X</b>
	<b>13</b>	<b>JP 05-183380</b> (English abstract and machine translation)	<b>07-1993</b>	<b>JAPAN</b>		<b>X</b>
	<b>14</b>	<b>JP 2003-69382</b> (English abstract and machine translation)	<b>03-2003</b>	<b>JAPAN</b>		<b>X</b>

Examiner Signature		Date Considered	
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\*Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

<sup>1</sup> Applicant unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Abstract is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

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**Complete if Known****INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT***(Use as many sheets as necessary)*Sheet **2** of **2**

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First Named Inventor	<b>Ryoichi OMOTE</b>
Art Unit	
Examiner Name	
Attorney Docket Number	<b>36856.1429</b>

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title Of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	<b>15</b>	<b>International Search Report for PCT Application No PCT/JP2005/014500, mailed November 22, 2005.</b>	<b>x</b>

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